HW# 17: Quiz Review Homework

Due Date: Thursday, October 3rd

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

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| 1. In the figure below, lines *h* and *g* are parallel, 9 = 120. Find the measure of 1.    *g*  *h* | 2. In the figure below, lines *l* and *m* are parallel. Find the value of *x*. |
| 3. If 1 9, then which pairs of lines, if any, must be parallel?     1. *a b* only 2. *m n* only 3. *a b* and *m n* 4. No lines must be parallel 5. Cannot be determined from the given information | |
| 4a. What is the angle relationship used to find the value of *x*? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  b. Find the measure of the angle in bold. | |
| **5**. Exeter Harkins Critical Thinking  If it is known that one pair of alternate interior angles is equal, what can be said about  **(a)** The other pair of alternate interior angles?  **(b)** Either pair of alternate exterior angles?  **(c)** Any pair of corresponding angles?  **(d)** Either pair of non-alternate interior angles? | |